

TAS 3082-14

T.H. 94

MOUNDS BLVD. TO T.H. 494-694

S.P. 6283-06

MARCH 1968

OFFICE OF
TRANSPORTATION SYSTEM PLANNING

MINNESOTA HIGHWAY DEPARTMENT

DEPARTMENT HIGHWAY

STATE OF MINNESOTA

Office Memorandum

TO : Paul G. Velz
Road Design Engineer

DATE: March 11, 1968

FROM : Leon Bergmann, Acting Chief
Traffic Analysis Section

SUBJECT: T.H. 94; S.P. 6283-06
Mounds Blvd. to T.H. 494-694
TAS 3082-14

The Traffic Analysis Section transmits this report in response to R.M. Hill's November 10, 1967 request for the 1990 ADT and HCADT for the project location shown on page 2.

For each numbered segment on page 3, the following data are tabulated on pages 4-9.

- a) Total ADT
- b) Vehicle Type Distribution
- c) Total Heavy Commercial ADT

The 1985 ADT of 55,800 for segment 6 is the highest ADT on the project. The 1967 ADT for segment 6 is 13,100.

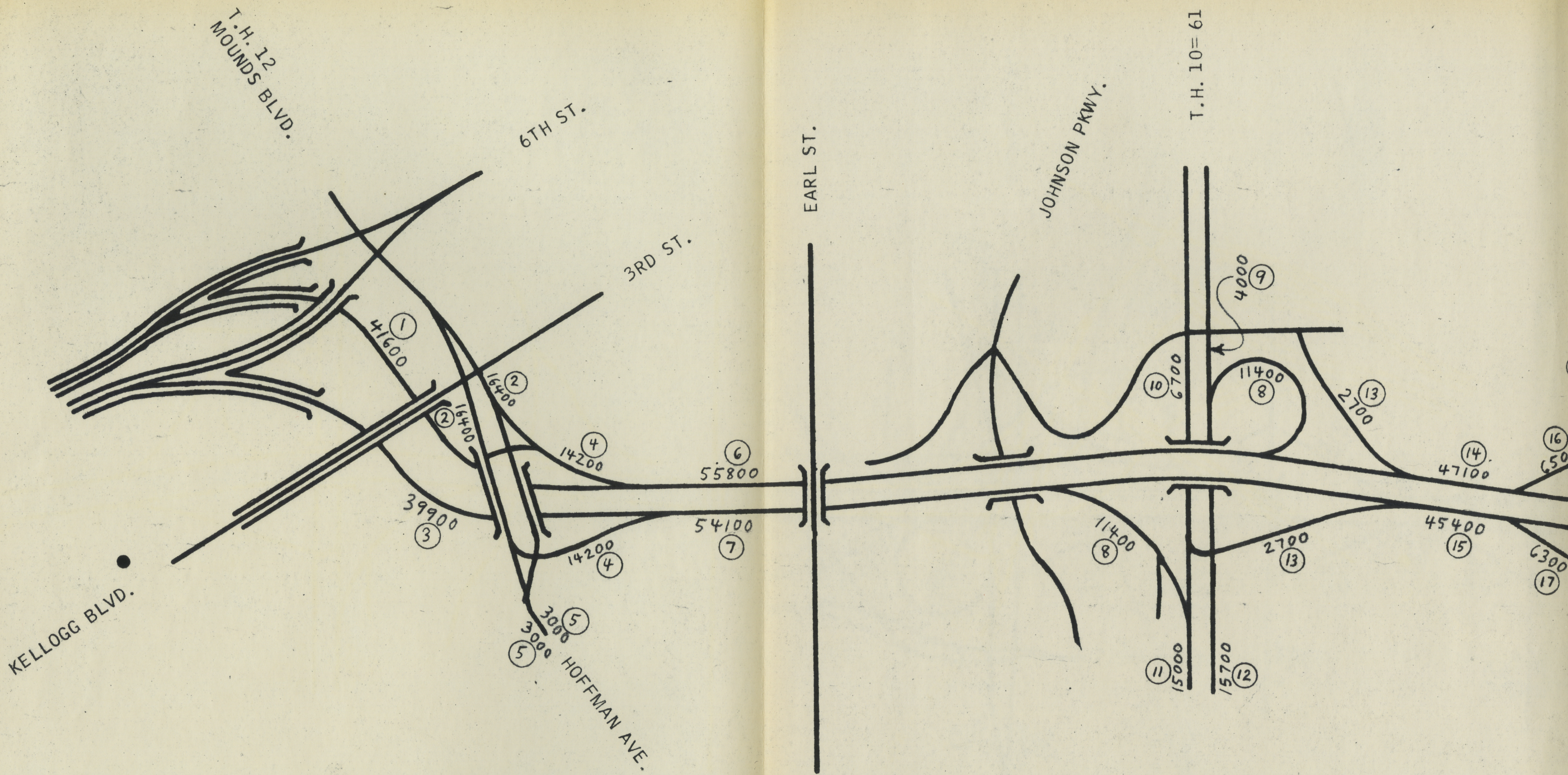
The basic data, method, and assumptions used in preparing this report are on page 10.

PH

Leon J. Bergmann

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
WORK MAP



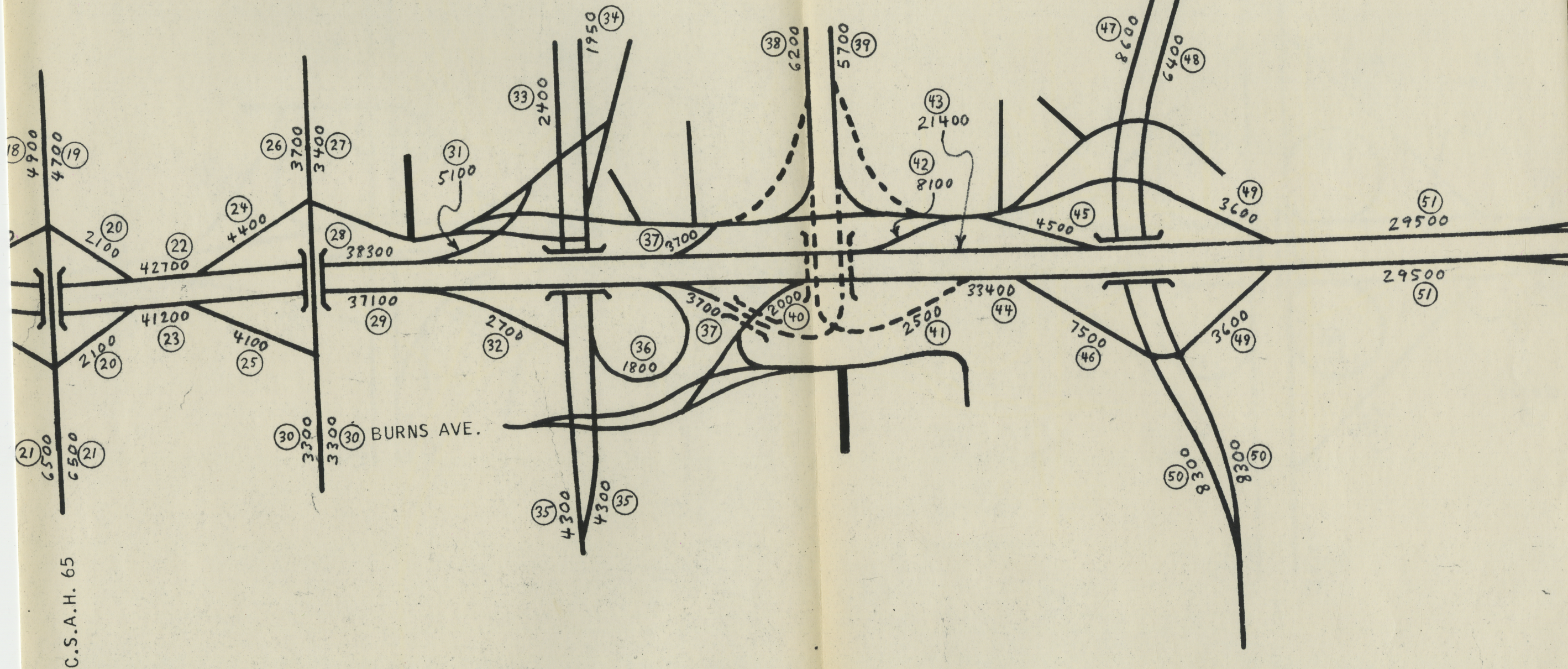


WH. BEAR AVE.

RUTH ST.

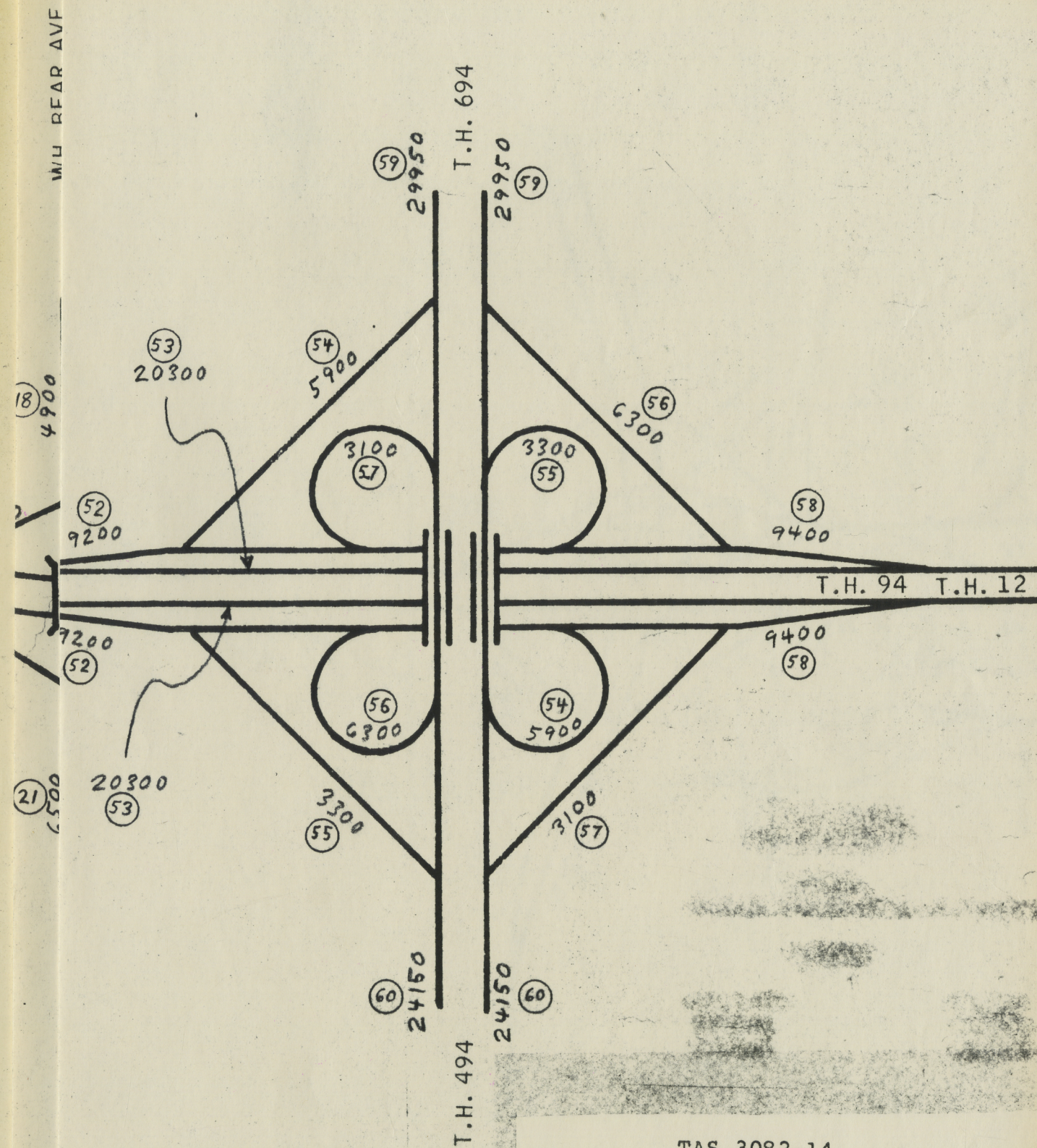
MC KNIGHT RD.

3m ENTRANCE



C.S.A.H. 65





TAS 3082-14
 T.H. 94
 S.P. 6283-06
 Mounds Blvd. to Jct. T.H. 494-694

Legend
 Segment Number ①
 1985 ADT 41600

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 1 OF 6

FOR

T.H. 94 S.P. 6283-06 LENGTH - MILES
 COUNTY Ramsey LOCATION Mounds Blvd. to
T.H. 494-694

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS
 DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	38965	15337	37338	13221	2789	52246	50619	10843	3778	6433	14267
1	911	450	881	420	101	1309	1279	246	98	118	324
2	408	165	397	152	33	552	541	80	32	38	105
3	113	54	110	42	9	147	144	16	6	8	21
4	210	86	204	78	17	284	278	43	17	21	57
5	728	198	712	189	31	905	889	117	47	56	154
6	265	110	258	98	20	357	350	55	22	26	72
TOTAL ADT	41600	16400	39900	14200	3000	55800	54100	11400	4000	6700	15000
TOTAL H. COMM. ADT	2635	1063	2562	979	211	3554	3481	557	222	267	733
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
 2 = SINGLE UNIT-3 AXLE TRUCKS
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 2 OF 6

FOR

T.H. 94 S.P. 6283-06 LENGTH - MILES
 COUNTY Ramsey LOCATION Mounds Blvd. to
T.H. 494-694

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 22 AS
 DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	12	13	14	15	16	17	18	19	20	21	22
0	14943	2610	44013	12386	5960	5776	4544	4343	1992	6145	40045
1	339	42	1099	1069	224	218	127	149	44	117	919
2	110	12	484	473	117	114	67	77	24	62	391
3	21	3	140	137	9	9	54	6	2	8	133
4	57	6	247	241	24	23	14	16	5	21	228
5	155	18	806	790	47	45	26	31	9	41	768
6	75	9	311	304	119	115	68	78	24	106	216
TOTAL ADT	15700	2700	47100	45400	6500	6300	4900	4700	2100	6500	42700
TOTAL H. COMM. ADT	757	90	3087	3014	540	524	356	357	108	355	2655
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

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 2 = SINGLE UNIT-3 AXLE TRUCKS
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 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 3 OF 6

FOR

T.H. 94 S.P. 6283-06 LENGTH - MILESCOUNTY Ramsey LOCATION Mounds Blvd. toT.H. 494-694

BASED ON

1985

ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 23 THROUGH 33 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	23	24	25	26	27	28	29	30	31	32	33
0	38602	4196	3902	3493	3209	35758	34601	3157	4750	2490	2154
1	895	84	78	83	76	866	856	90	137	82	97
2	383	28	28	29	27	377	369	12	50	30	34
3	130	10	10	10	9	128	125	4	19	11	14
4	223	18	18	18	17	219	214	2	32	19	22
5	754	52	52	54	50	742	728	5	91	55	64
6	213	12	12	13	12	210	207	30	21	13	15
TOTAL ADT	41200	4400	4100	3700	3400	38300	3700	3300	5100	2700	2400
TOTAL H. COMM. ADT	2598	204	198	207	191	2542	2499	143	350	210	246
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

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 2 = SINGLE UNIT-3 AXLE TRUCKS
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 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 4 OF 6

FOR

T.H. 94 S.P. 6283-06 LENGTH - MILESCOUNTY Ramsey LOCATION Mounds Blvd. toT.H. 494-694

BASED ON

1985

ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 34 THROUGH 44 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	34	35	36	37	38	39	40	41	42	43	44
0	1750	3894	1660	3450	5883	5395	1945	2433	7560	19998	31379
1	79	159	55	98	131	120	22	33	280	351	676
2	28	58	20	36	44	44	8	8	110	181	299
3	11	22	8	13	16	16	3	3	9	87	99
4	18	37	13	23	28	28	5	5	9	155	169
5	52	106	36	65	80	79	14	15	12	574	601
6	12	24	8	15	18	18	3	3	120	54	177
TOTAL ADT	1950	4300	1800	3700	6200	5700	2000	2500	8100	21400	33400
TOTAL H. COMM. ADT	200	406	140	250	317	305	55	67	540	1402	2021
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

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 2 = SINGLE UNIT-3 AXLE TRUCKS
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 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 5 OF 6

FOR

T.H. 94 S.P. 6283-06 LENGTH - MILES
 COUNTY Ramsey LOCATION Mounds Blvd. to
T.H. 494-694

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 45 THROUGH 55 AS
 DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	45	46	47	48	49	50	51	52	53	54	55
0	4278	6960	7881	5859	3290	7980	27709	8412	19297	5785	2627
1	120	280	343	254	173	152	569	304	265	39	265
2	24	110	131	97	68	58	257	174	83	27	147
3	9	9	11	11	6	6	96	34	62	5	29
4	15	9	10	10	6	4	166	84	82	112	72
5	45	12	14	14	7	6	596	138	458	22	116
6	9	120	210	155	50	94	107	54	53	10	44
TOTAL ADT	4500	7500	8600	6400	3600	8300	29500	9200	20300	5900	3300
TOTAL H. COMM. ADT	222	540	719	541	310	320	1791	788	1003	115	673
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

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 2 = SINGLE UNIT-3 AXLE TRUCKS
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 6 OF 6

FOR

T.H. 94 S.P. 6283-06 LENGTH - MILES
 COUNTY Ramsey LOCATION Mounds Blvd. to
T.H. 494-694

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 56 THROUGH 60 AS
 DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER									
	56	57	58	59	60					
0	6039	2727	8766	28859	22389					
1	102	195	297	371	690					
2	81	99	180	253	391					
3	6	8	14	48	74					
4	23	36	59	115	188					
5	20	25	45	203	302					
6	29	10	39	101	116					
TOTAL ADT	6300	3100	9400	29950	24150					
TOTAL H. COMM. ADT	261	373	634	1091	1761					
TOTAL DHV										
DIRECTIONAL DISTRIBUTION										

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Basic Data, Method, and Assumptions

The 1985 ADT and DHV were transmitted in TAS 545-14 on January 25, 1968. The 1985 Vehicle Type Distributions and HCADT in this report are attendant to the 1985 ADT in TAS 545-14. The 1990 volumes may be obtained by increasing the enclosed 1985 volumes by 15 percent.

The total heavy commercial volumes were determined by the System 14 computer assignment of heavy commercial ADT. The System 14 total heavy commercial ADT was distributed by vehicle type by projecting classification counts made on roads in the project area and on roads which provide a level of service comparable to the roads in the project area. The vehicle type distributions presented in this report reflect all diversions to a completed Interstate System.